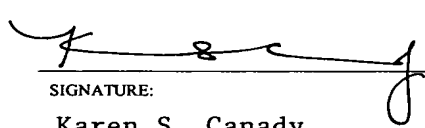


FORM PTO-1390 (REV 10-2000)		DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTORNEY'S DOCKET NUMBER	
TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371				C 118.7-US-WO	
				U.S. APPLICATION NO. (if known, see 37 CFR 1.5) 09/720410	
INTERNATIONAL APPLICATION NO. PCT/KR99/00347		INTERNATIONAL FILING DATE 30 June 1999 (30.06.99)		PRIORITY DATE CLAIMED 30 JUN 1998; 29 JUN 1999	
TITLE OF INVENTION A NOVEL HUMAN THROMBOPOIETIN MUTEIN					
APPLICANT(S) FOR DO/EO/US Joo Young Chung, Sang Kyu Park, Sang Myoung Ju, Hyea Kyung Ahn, Seung Wook Lim, Woo Ik Chang, Seung Kook Park, Yeo Wook Koh, and Ji Soo Park					
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:					
<ol style="list-style-type: none"> 1. <input checked="" type="checkbox"/> This is a FIRST submission of items concerning a filing under 35 U.S.C. 371. 2. <input type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371. 3. <input checked="" type="checkbox"/> This is an express request to promptly begin national examination procedures (35 U.S.C. 371(f)). 4. <input type="checkbox"/> The US has been elected by the expiration of 19 months from the priority date (PCT Article 31). 5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2)) <ol style="list-style-type: none"> a. <input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau). b. <input checked="" type="checkbox"/> has been communicated by the International Bureau. c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US). 6. <input checked="" type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)). 7. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) <ol style="list-style-type: none"> a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> have been communicated by the International Bureau. c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired. d. <input checked="" type="checkbox"/> have not been made and will not be made. 8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). 9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). 10. <input type="checkbox"/> An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)). 					
Items 11 to 16 below concern document(s) or information included:					
<ol style="list-style-type: none"> 11. <input type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98. 12. <input checked="" type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. 13. <input checked="" type="checkbox"/> A FIRST preliminary amendment. <input type="checkbox"/> A SECOND or SUBSEQUENT preliminary amendment. 14. <input type="checkbox"/> A substitute specification. 15. <input type="checkbox"/> A change of power of attorney and/or address letter. 16. <input checked="" type="checkbox"/> Other items or information: <ol style="list-style-type: none"> (a) Application Data Sheet - 3 pages; (b) 12-sheets of Drawings; (c) Computer Readable and Paper Form of Sequence Listing; (d) Four (4) KCTC Receipts for Original Deposits; and (e) PTO-2038 Credit Card Payment Forms for the amounts of \$1,000.00 and \$40.00 are enclosed to cover the filing and recordation fees. 					

U.S. APPLICATION NO. (if not, see 37 CFR 1.51) 09/720418		INTERNATIONAL APPLICATION NO. PCT/KR99/00347		ATTORNEYS DOCKET NUMBER G&C 118.7-US-WO	
17. <input checked="" type="checkbox"/> The following fees are submitted: BASIC NATIONAL FEE (37 CFR 1.492 (a) (1) - (5)) : Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO and International Search Report not prepared by the EPO or JPO \$1000.00 International preliminary examination fee (37 CFR 1.482) not paid to USPTO but International Search Report prepared by the EPO or JPO \$860.00 International preliminary examination fee (37 CFR 1.482) not paid to USPTO but international search fee (37 CFR 1.445(a)(2)) paid to USPTO \$710.00 International preliminary examination fee paid to USPTO (37 CFR 1.482) but all claims did not satisfy provisions of PCT Article 33(1)-(4) \$690.00 International preliminary examination fee paid to USPTO (37 CFR 1.482) and all claims satisfied provisions of PCT Article 33(1)-(4) \$100.00 <div style="text-align: right;">ENTER APPROPRIATE BASIC FEE AMOUNT =</div>				CALCULATIONS PTO USE ONLY <div style="border: 1px solid black; height: 150px; width: 100%;"></div>	
Surcharge of \$130.00 for furnishing the oath or declaration later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(e)).				\$	
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE		
Total claims	12 - 20 =	0	X \$18.00	\$	
Independent claims	1 - 3 =	0	X \$80.00	\$	
MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+ \$270.00	\$	
TOTAL OF ABOVE CALCULATIONS =				\$ 1000.00	
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.				\$	
SUBTOTAL =				\$ 1000.00	
Processing fee of \$130.00 for furnishing the English translation later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(f)).				\$	
TOTAL NATIONAL FEE =				\$ 1000.00	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property				\$	
TOTAL FEES ENCLOSED =				\$ 1000.00	
				Amount to be refunded:	\$
				charged:	\$
a. <input type="checkbox"/> A check in the amount of \$_____ to cover the above fees is enclosed. b. <input type="checkbox"/> Please charge my Deposit Account No. _____ in the amount of \$_____ to cover the above fees. A duplicate copy of this sheet is enclosed. c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>50-0494</u> . A duplicate copy of this sheet is enclosed. PTO-2038 Credit Card Payment Forms for the amounts of \$1000.00 and \$40.00 are enclosed to cover the filing and recordation fees. NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status. <div style="display: flex; justify-content: space-between;"> <div style="width: 60%;"> SEND ALL CORRESPONDENCE TO: Karen S. Canady GATES & COOPER 6701 Center Drive West, Suite 1050 Los Angeles, CA 90045 </div> <div style="width: 35%; text-align: center;">  SIGNATURE: Karen S. Canady NAME 39,927 REGISTRATION NUMBER </div> </div>					

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Joo Young Chung, Sang Kyu Park, Sang Myoung Ju, Hyea Kyung Ahn, Seung Wook Lim, Woo Ik Chang, Seung Kook Park, Yeo Wook Koh, and Ji Soo Park

Docket: G&C 118.7-US-WO

Title: A NOVEL HUMAN THROMBOPOIETIN MUTEIN

CERTIFICATE OF MAILING UNDER 37 CFR 1.10

'Express Mail' mailing label number: EL307944847US

Date of Deposit: December 21, 2000

I hereby certify that this paper or fee is being deposited with the United States Postal Service 'Express Mail Post Office To Addressee' service under 37 CFR 1.10 and is addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231.

By: Darlene Ross
Name: Darlene Ross

BOX PCT
Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

We are transmitting herewith the attached:

- ☒ Transmittal sheet, in duplicate, containing Certificate Of Mailing Under 37 CFR 1.10.
- ☒ Form PTO-1390: TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371. The fee has been calculated as shown below in the "Claims as Filed" table.
- ☒ Application Data Sheet - 3 pages.
- ☒ An English language translation of the International Application as filed - 50 pages.
- ☒ A Preliminary Amendment - 4 pg(s).
- ☒ 12-sheets of Drawings.
- ☒ A signed Combined Declaration and Power of Attorney.
- ☒ Assignment of the invention to Daewoong Pharmaceutical Co., Ltd., Recordation Form Cover Sheet
- ☒ PTO-2038 Credit Card Payment Form in the amount of \$1,000 to cover the Filing Fee.
- ☒ PTO-2038 Credit Card Payment Form in the amount of \$40 to cover the Assignment Recordation Fee.
- ☒ Computer readable and paper form of SEQUENCE LISTING. Applicants state that the contents of the paper copy form of the SEQUENCE LISTING section of the present application, and the computer readable form submitted herewith, are the same.
- ☒ Four (4) biological deposit receipts from Korean Collection for Type Cultures.
- ☒ Return postcard.

CLAIMS AS FILED

Number of Claims Filed	In Excess of:	Number Extra	Rate	Fee
Basic Filing Fee				\$1,000.00
Total Claims				
12	20	0	x \$18.00	\$0.00
Independent Claims				
1	3	0	x \$80.00	\$0.00
MULTIPLE DEPENDENT CLAIM FEE				\$0.00
TOTAL FILING FEE				\$1,000.00

Please charge any additional fees or credit overpayment to Deposit Account No. 50-0494. A duplicate of this sheet is enclosed.

GATES & COOPER
Howard Hughes Center
6701 Center Drive West, Suite 1050
Los Angeles, CA 90045
(310) 641-8797

By: Karen S. Canady
Name: Karen S. Canady
Reg. No.: 39,927
Initials: KSC/dr